BLUETTI

OFF-GRID

Residential
Commercial
Farm
UPS
Outdoors
Emergency
Medical
Lighting

Power Station Products Catalog

English

Shenzhen Poweroak Newener Co., Ltd

Catalog

About BLUETTI

Who are we? 1
What does BLUETTI mean? 2
Why choose us? 3
Our factory 4

Contact us

Applications 34
Marketing Network 36
Contact information

Portable solar power station

AC30S 5
AC50S 6
AC100 7
EB50 8
EB55 9
EB70 10
EB120 11
EB150/180 12
PS50 13
PS70 14
PS54 15
PS72 16

Residential solar power station

EB200P 17
EB240 18
PS200A 19
AC200P 20
AC200MAX 21
B230 22
AC200MAX+2*B230 23
AC300 24
B300 25
AC300+N*B300 26
EP500 27
EP500Pro 28
AP500 29

Solar home lighting system

E Series 30
P Series 31

Foldable solar panel

SP120 32
SP200 33

Who are we

Shenzhen PowerOak Newener Co., Ltd was established in 2013, focusing on the research and innovation of distributed energy storage products and micro grid technology, mastering the international advanced green energy storage technology and completed energy storage battery application solutions. It is in the global leading position in the integration of photovoltaic energy storage, grid connected bidirectional inverter power, energy internet management system, etc., to provide customers with integrated services of design, research, development, production, sales and after-sales service for household / commercial photovoltaic energy storage system, portable energy storage unit, DC power energy storage unit. It has developed into a leading manufacturer in the energy storage industry. Its products are sold in more than 70 countries around the world, and has branches in Japan, the United States, Germany, Australia, Nigeria and other major markets.

PowerOak is committed to becoming a leading global energy storage brand, building a sustainable low-carbon service and energy future, and promoting the green, healthy and sustainable development of energy storage industry.

BLUETTI

OUR HISTORY

2013

Poweroak was established and launched the industry's first solar portable energy storage power bank PS10B.

2014

Poweroak rolled out the household, medium-sized commercial photovoltaic energy storage solutions, creating a comprehensive product line of portable, household and commercial series, becoming strategic partners of Samsung and LG,and founding a Japanese branch.

2015

Empolyee number and workshop area doubled and our production capacity was further expanded due to significantly increased demand from UK and German.

2016

The company's sales area expanded to Australia, North America, the Middle East, Africa and Southeast Asia, with a sales growth of 260% .

2017

In 2017, we passed three traditional standard system and TS16949 certification test, R&D investment has been increased to 15 million, a full-automatic production line for electric vehicle battery has been put into trial.

2018

Poweroak continued to maintain high R&D investment, keeping the leading role in industry, complete the product matrix and increase efforts to build global influences of Bluetti, with overseas market and service network establishment.

2019

On Oct. 27th new overseas brand strategy has been implemented, sub-brand BLUETTI trademark was registered in USA. On Nov. 7th, the local brand Boludi was launched.

2020

Emphasizing social commonweal and social responsibility, Poweroak was received a certificate of appreciation sent by Mr. Li Ming, Director of the UNESCO Innovation Center for Higher Education.

Why choose us ?

Reliable product quality

Our intelligent, automated, and information-based manufacturing system, and the fully adopted MES information-based production management system. The product precision reaches 0.01mm, product yield ⩾99.99%.

Advancing energy storage technique

more than 100 talented & experienced engineers . Average 15million investment in R&D , 20 patents applied annually.

In-house industry standard laboratory

Complete laboratory with more than 100 product test items, including UL safety testing and 45 test procedures.

Worry-free after-sales service system

One-year warranty period, lifetime maintenance; Global Product Liability Insurance, 24-hour rapid response; nearly 100 global service networks

Qualification certificate

1. Patent for invention
2. EB120 certificate of registration (America)
3. EB20 certificate of registration (America)
4. AC100 certificate of registration (EU)
5. AC50 certificate of registration (EU)

6. Energy storage battery AC50-certificate of registration
7. Distribution solar energy storage system patent
8. LJ1712205 Invention Patent Certificate (Seal)
9. A patent certificate for a portable solar energy storage power station
10. An invention patent for energy storage station

Our factory

Automatic SMT Production line

Automatic SMT Production line, ensures the quality of PCBA, which is the core component of energy storage products.

Automatic Battery Pack Production Line

Automatic Battery Pack Production Line, providing guarantee for the consistent of battery pack , key components of energy storage products.

ATE testing equipment

Professional and customized ATE test equipment can ensure that all the ex-factory energy storage product has no problems.

Professional testing laboratory

Professional testing laboratory, ensures all the raw material are qualified with the design and production requirements.

AC30S Portable Power Station

300Wh Battery | 300W AC Output | USB Type-C | Wireless Charge | Car charging

Feature

- Double protections on both BMS and charger
- Built in LiFePO4 battery for long life cycle
- Space saving Hidden foldable handle
- Multiple DC output ports ,support charging different devices simultaneously
- LED Lighting and SOS Functions
- Wireless Charging Function
- Double AC output socket of 300W max

Model		AC30S
Built-in Battery		300Wh
Built-in Inverter		Pure Sine Wave
Charging Power	Solar	12V- 28V 80W
	AC Charge	80W
	Car charging	12V- 28V 80W
Output	AC	300W
	DC	2x USBA 5V3A 1xTypeC 1x12V10A Car Cigarette Lighter
Other functions		Wireless charging 15W Spotlight : Lighting & SOS
Material for casing		ABS + PC
N.W.		4.56kg
Dimension LxWxH(mm)		250x181x175
Acquired certificates		CE, FCC, PSE, EMC, ROHS,UN38.3

AC50S Portable Power Station

500Wh Battery | 300W AC Output | USB Type-C PD | Wireless Charge

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Innovative design of food grade anti-collision rubber cover
- Intelligent temperature cooling fan, working sliently
- Multiple DC output ports , support charging different devices simultaneously
- LED Lighting and SOS Functions
- Double AC output socket of 300W

Model		AC50S
Built-in Battery		500Wh
Built-in Inverter		Pure sine wave
Built-in solar controller		MPPT
Charging Power	Solar	12V- 40V 120W(max)
	AC Charge	90W
	Car charging	96W@12V 120W@24V
Output	AC	300W
	DC	4x USBA 5V3A 1xTypeC (PD 45W) 2X12V3A 1x12V10A Car Cigarette Lighter
Other functions		Wireless charging 10W LED Flashlight function: Lighting & SOS
Material for casing		ABS + PC
N.W.		6.5kg
Dimension LxWxH(mm)		260x200x196
Acquired certificates		UL,CE, FCC, PSE, EMC, ROHS,UN38.3

AC100 Portable Power Station

1000Wh Battery | 600W AC Output | USB Type-C PD | Quick Solar Charge | Car Port

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, more friendly for electric applicances
- Up-market Aluminum casing, better heat dissipation performance
- One-piece handle for super texture
- Multiple DC output ports, support charging different devices simultaneously
- LED Lighting and SOS Functions
- Double AC output socket of 600W strong power
- 10000Wh High Capcity, long lasting standby

Model		AC100
Built-in Battery		1000Wh
Charging Power	Solar	16V- 40V 170W(max)
	AC Charge	100W
	Car charging	N/A
Output	AC	600W
	DC	4x USBA 5V3A 1xTypeC (PD 45W) 1x12V9A Car Cigarette Lighter
Other functions		LED Flashlight function: Lighting & SOS
Material for casing		Aluminum + PC
N.W.		15kg
Dimension LxWxH(mm)		390x183x313
Acquired certificates		UL, CE, FCC, PSE, EMC, ROHS,UN38.3

EB50 Portable Power Station

500Wh Battery

300W AC Output

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Up-market Aluminum casing, better heat dissipation performance
- Multiple DC output ports , support charging different devices simultaneously
- LED Lighting and SOS Functions
- Double AC output socket of 300W

Model		EB50
Built-in Battery		400Wh/500Wh
Charging Power	Solar	MPPT 12V-40V 120W
	AC Charge	90W
	Car charging	120W
Output	AC	300W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 45W) 1x12V10A Car Cigarette Lighter 2x12V3A
Other functions		LED Flashlight function: Lighting & SOS
Material for casing		Aluminum + PC
N.W.		6kg
Dimension LxWxH(mm)		300x159x219
Acquired certificates		PSE, FCC, CE, UN38.3,MSDS,ROHS.

EB55 Portable Power Station

537Wh Battery | 700W AC Output | Type-C PD3.0 | Wireless Charge | Car AC Output Port

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Support dual port charging,1 hour charge to 80%
- Intelligent temperature cooling fan, working sliently
- PD3.0 100W super Rapid charging
- LED Lighting and SOS Functions
- Support ECO mode, environmental and energy saving

Model		EB55
Built-in Battery		537Wh LiFePO4
Charging Power	Solar	MPPT 12V-28V 200W
	AC Charge	90W/200W
	Car charging	12V8A / 24V8A
	AC+PV charging	400 max
Output	AC	700W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 100 W) 1x12V Car Cigarette Lighter + 2X12V DC(10A max)
Other functions		Wireless charging 15W LED Flashlight function: Lighting & SOS
Material for casing		ABS + PC
N.W.		6.5kg
Dimension LxWxH(mm)		275X190X195

EB70 Portable Power Station

720 Wh Battery

1000 W AC Output

Type-C PD3.0

Wireless Charge

Car AC Output Port

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Intelligent temperature cooling fan, working sliently
- LED Lighting and SOS Functions
- PD3.0 100W super Rapid charging
- Three charging method, charge anywhere

Model		EB70
Built-in Battery		720Wh LiFePO4
Charging Power	Solar	MPPT 12V-28V 200W
	AC Charge	25.2V 200W
	Car charging	12V8A / 24V8A
Output	AC	800W (100-120V)/1000W (220-240V)
	DC	2xUSB 5V 3.0A 2xTypeC (PD 100 W) 1x12V Car Cigarette Lighter + 2x12V DC (10A max)
Other functions		Wireless charging 15W LED Flashlight function: Lighting & SOS
Material for casing		ABS + PC
N.W.		9.7KG
Dimension LxWxH(mm)		320×217×222

EB120 Solar Power Station

1.2Kwh Battery | 1000W AC Output | Type-C PD

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Up-market Aluminum casing, better heat dissipation performance
- One-piece handle for super texture
- Intelligent temperature cooling fan, working sliently
- Multiple DC output ports , support charging different devices simultaneously
- Double AC output socket of 1000W strong power

Model		EB120
Built-in Battery		1200Wh
Built-in Inverter		Pure sine wave
Built in solar controller		MPPT
Charging Power	Solar	16V-60V 500W
	AC Charge	200W/500W
	Car charging	Optional with Car charger module
Output	AC	1000W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 45W) 1x12V9A Car Cigarette Lighter
Material for casing		Aluminum + PC
N.W.		12.6kg
Dimension LxWxH(mm)		294x165x365
Acquired certificates		UL,CE, FCC, PSE, EMC, ROHS,UN38.3

EB150/180 Solar Power Station

1.5Kwh Battery | 1000W AC Output | Type-C PD | 1.8Kwh Battery

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Up-market Aluminum casing, better heat dissipation performance
- One-piece handle for super texture
- Intelligent temperature cooling fan, working sliently
- Multiple DC output ports , support charging different devices simultaneously
- Double AC output socket of 1000W strong power

Model		EB150/180
Built-in Battery		1500/1800Wh
Built-in Inverter		Pure sine wave
Built in solar controller		MPPT
Charging Power	Solar	16V-60V 500W
	AC Charge	200W/500W
	Car charging	Optional with Car charger module
Output	AC	1000W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 45W) 1x12V9A Car Cigarette Lighter
Material for casing		Aluminum + PC
N.W.		EB150:16.5kg EB180:16.7kg
Dimension LxWxH(mm)		EB150:371x165x365 EB180:394x165x365
Acquired certificates		UL,CE, FCC, PSE, EMC, ROHS,UN38.3

PS50 Solar Power Station

500Wh Battery | 300W AC Output | USB QC3.0

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Multiple DC output ports , support charging different devices simultaneously
- Three charging method, charge anywhere

Model		PS50
Built-in Battery		500Wh
Charging Power	Solar	MPPT 14V- 40V 150W
	AC Charge	90W
	Car charging	150W
Output	AC	300W
	DC	2XUSBA QC3.0 18W 1XType C(QC3.0 18W) 2X 12V3A 1X 12V10A Car cigarette ligher
Other functions		
Material for casing		ABS + PC
N.W.		6.5kg
Gross Weight		10.2kg
Dimension LxWxH(mm)		282x188x210

PS70 Solar Power Station

720 Wh Battery | 500 W AC Output | USB Type-C PD

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Three charging method, charge anywhere
- Multiple DC output ports , support charging different devices simultaneously
- LED Lighting and SOS Functions

Model		PS70
Built-in Battery		720Wh
Charging Power	Solar	MPPT 12V- 45V 200W
	AC Charge	90/200W
	Car charging	200W
Output	AC	500W
	DC	1xType C (PD 45W) 2XUSBA (18W) 2X5V3A 1X12V10A 1X13V10A Car Cigarette Lighter
Other functions		
Material for casing		ABS + PC
N.W.		8.2kg
Gross Weight		11.24kg
Dimension LxWxH(mm)		350x213x169

PS54 Portable Power Station

537Wh Battery | 700W AC Output | Type-C QC3.0 | Wireless Charge | Car AC Output Port

Feature

- High-rate lifepo4 battery,over 2000 lifecycles
- Pure Sine Wave inverter, high efficiency built in MPPT
- Support dual port charging,2 hour to charge full
- PD3.0 100W super Rapid charging
- Support ECO mode, energy saving
- Hidden folding handle for easy storage

Model		PS54
Built-in Battery		537Wh Lifepo4
Charging Power	Solar	MPPT 12V-28V 200W
	AC Charge	90W
	Car charging	12V8A / 24V8A
	AC+PV charging	290W max
Output	AC	700W Peak 1400W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 100 W) 1X14V Car Cigarette lighter +2X13.8V DC (total 10A max)
Other functions		Wireless charging 15W LED Flashlight function: Lighting & SOS
Material for casing		ABS + PC
N.W.		6KG
Dimension LxWxH(mm)		L275xW200xH205mm
Acquired certificates		PSE, FCC, CE, UN38.3,MSDS,ROHS.

PS72 Portable Power Station

716Wh Battery | 700W AC Output | Type-C QC3.0 | Wireless Charge | Car AC Output Port

Feature

- 720Wh Lifepo4 Battery,Over 2000 Life Cycles
- Pure Sine Wave inverter, high efficiency built in MPPT
- Support dual port charging,2 hour to charge full
- PD3.0 100W super Rapid charging
- LED Lighting and SOS Functions
- Support ECO mode, energy saving

Model		PS72
Built-in Battery		720Wh LiFePo4
Charging Power	Solar	MPPT 12V-28V 200W
	AC Charge	25.2V 200W
	Car charging	12V8A / 24V8A
Output	AC	700W
	DC	2xUSB 5V 3.0A 2xTypeC (PD 100 W) 1X14V Car Cigarette lighter +2X13.8V DC (total 10A max)
Other functions		LED Flashlight function: Lighting & SOS
Material for casing		ABS + PC
N.W.		9.5KG
Dimension LxWxH(mm)		320*212*230
Acquired certificates		PSE, FCC, CE, UN38.3,MSDS,ROHS.

EB200P Solar Power Station

2048Wh Battery | 2200W AC Output | USB Type-C PD | Quick Solar Charge | Wireless Charge | Car charging

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, more friendly for electric applicances
- 5 charging method,support double charging port working simultaneously
- Interactive touch screen to show the working status and faulty diagnosis
- Fashionable color collocation, Sleek and sporty
- 2000W strong power to charge 17 devices simultaneously
- 20000Wh High Capcity, long lasting standby
- Intelligent temperature cooling fan, working sliently

Model		EB200P
Built-in Battery		2048Wh
Charging Power	Solar	MPPT 35V- 145V 900W Support 18V/19V single panel charging
	AC Charge	500W
	Car charging	10.5V-14.4V/21V-28.8V 8.2A
	AC+PV charging	1400W
Output	AC	2200W/2000W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 100W) 1x12V Car Cigarette Lighter +2x12V DC (10A max) 1x12V25A/30A for RV
Other functions		2XWireless charging 15W
Material for casing		ABS + PC
N.W.		28.3kg
Dimension LxWxH(mm)		456x380x308
Acquired certificates		PSE, FCC, CE, UN38.3,MSDS,ROHS.

EB240 Solar Power Station

2.4kwh Battery | 1000W AC Output | Type-C PD

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, friendly for electric applicances
- Built in MPPT solar controller,higher efficiency
- Up-market Aluminum casing, better heat dissipation performance
- One-piece handle for super texture
- OIntelligent temperature cooling fan, working sliently
- Multiple DC output ports , support charging different devices simultaneously
- Double AC output socket of 1000W strong power

Model		EB240
Built-in Battery		2400Wh
Built-in Inverter		Pure sine wave
Built in solar controller		MPPT
Charging Power	Solar	16V-60V 500W
	AC Charge	200W/500W
	Car charging	Optional with Car charger module
Output	AC	1000W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 45W) 1x12V9A Car Cigarette Lighter
Material for casing		Aluminum + PC
N.W.		20.4kg
Dimension LxWxH(mm)		494x165x365
Acquired certificates		CE, FCC, PSE, EMC, ROHS,UN38.3

PS200A Solar Power Station

2150Wh Battery | 2100W AC Output | Type-C PD3.0 | Wireless Charge | Car AC Output Port | Quick Solar Charge

Feature

- Lifepo4 Battery 2000Wh High Capcity, Over 2000 Cycles
- Interactive Touch Screen To Show The Working Status And Faulty Diagnosis
- 5 Charging Method,Support Double Charging Port Working Simultaneously
- 2000W Strong Power,Support Charging Most Home Applicances
- Support ECO mode, energy saving
- Silicon Covers On All Ports , Water And Dust-Proof

Model		PS200A
Built-in Battery		2150Wh
Charging Power	Solar	MPPT 35V～150V 900W max
	AC Charge	500W
	Car charging	10.5V-14.4V/21V-28.8V 8.2A
Output	AC	2100W
	DC	2xUSB 5V 2.0A 2X USB QC3.0 1xTypeC (PD 100W) 1x12V Car Cigarette Lighter + 2x12V DC (10A max) 12V 25A Aviation Socket
Other functions		2 X Wireless charging 15W
Material for casing		ABS + PC
N.W.		27KG
Dimension LxWxH(mm)		450*280*380

AC200P Solar Power Station

2000Wh Battery | 2000W AC Output | USB Type-C PD | Quick Solar Charge | Wireless Charge | Car charging

Feature

- Double protections on both BMS and charger
- Pure Sine Wave inverter, more friendly for electric applicances
- 5 charging method,support double charging port working simultaneously
- Interactive touch screen to show the working status and faulty diagnosis
- Rubber seals on all ports , worry free for outdoor
- 2000W strong power to charge 17 devices simultaneously
- 20000Wh High Capcity, long lasting standby
- Intelligent temperature cooling fan, working sliently

Model		AC200P
Built-in Battery		2000Wh
Built-in Inverter		Pure sine wave
Built-in solar controller		MPPT
Charging Power	Solar	30V- 145V 700W max
	AC Charge	500W
	Car charging	10.5V-14.4V/21V-28.8V 8.2A
Output	AC	2000W
	DC	4xUSB 5V 3.0A 1xTypeC (PD 60W) 1x12V Car Cigarette Lighter + 2x12V DC(10A max)
Other functions		2XWireless charging 15W
Material for casing		ABS + PC
N.W.		26kg
Dimension LxWxH(mm)		420x280x386
Acquired certificates		UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS

AC200 MAX Solar Power Station

2048Wh Battery | 2200W AC Output | APP Remote Monitoring | Quick Solar Charge | Wireless Charge | Scalability

Feature

- 2048Wh LFP Battery with life cycle 3500+ to 80%.
- Expandable capacity reaching up to 8KWH by connecting module battery.
- 2200W pure sine wave AC inverter, Surge 4800W.
- Smart charging, boost a stunning 1400W total charging rate.
- Smart App control & monitor.

Model		AC200MAX
Built-in Battery		2048Wh
Built-in Inverter		Pure sine wave
Built-in solar controller		MPPT
Charging Power	Solar	MPPT 35V- 145V 900W
	AC Charge	500W
	Car charging	10.5V-14.4V/21V-28.8V 8.2A
	Solar +D050S Module connect with AC charging port	1400W
Output	AC	2200W
	DC	USB-A*2：18W USB-A*2：5VDC，3A 1xTypeC (PD 100W) 1x12V Car Cigarette Lighter+2x12V DC (10A max) 1X12V30A for RV
Other functions		2XWireless charging 15W
Material for casing		ABS + PC
N.W.		28.3kg
Dimension LxWxH(mm)		456x380x308mm
APP		Through bluetooth
Scalability	Cacity of packed system	Fully packed system Expandable up to 2* B230 or 2* B300
	Max solar input	2800W
	Max AC input	1000W
Acquired certificates		UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS

B230 Solar Power Station

2048Wh Battery | USB Type-C PD | Scalability | Quick Solar Charge | Car AC Output Port | APP

Feature

- 2048Wh LFP Battery with life cycle 3500+ to 80%.
- Expandable capacity reaching up to 8KWH by connecting module battery.
- 2200W pure sine wave AC inverter, Surge 4800W.
- Smart charging, boost a stunning 1400W total charging rate.
- Smart App control & monitor.

Model		B230
Built-in Battery		2048wh
Charging Power	Solar	500W through AC adaptor or connect with AC200max
	AC Charge	500W max
	Car charging	500W max
Output	AC	/
	DC	1*12V10A Car lighter 1X18W QC3.0 1X Type 100W
Material for casing		ABS + PC
N.W.		22.1KG
Dimension LxWxH(mm)		520x320x266
APP		Through bluetooth
Acquired certificates		UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS

AC200 MAX+2*B230 Solar Power Station

6144Wh Battery | 2200W AC Output | APP Remote Monitoring | Quick Solar Charge | Wireless Charge | Scalability

Feature

- 6144Wh LFP Battery with life cycle 3500+ to 80%.
- Expandable capacity reaching up to 8KWH by connecting module battery.
- 2200W pure sine wave AC inverter, Surge 4800W.
- Smart charging, boost a stunning 1400W total charging rate.
- Smart App control & monitor.

Model			AC200MAX+2*B230
Built-in Battery			6144Wh
Built-in Inverter			Pure sine wave
Built-in solar controller			MPPT
Charging Power	Solar		MPPT 35V- 145V 1900W
	AC Charge		1500W
	Car charging		10.5V-14.4V/21V-28.8V 8.2A
	Solar +D050S Module connect with AC charging port		2400W
Output	AC		2200W
	DC		USB-A*2：18W USB-A*2：5VDC，3A 1xTypeC (PD 100W) 1x12V Car Cigarette Lighter+2x12V DC (10A max) 1X12V30A for RV
Other functions			2XWireless charging 15W
Material for casing			ABS + PC
N.W.			72.5kg
APP			Through bluetooth
Scalability	Cacity of packed system		Fully packed system Expandable up to 2* B230 or 2* B300
	Max solar input		2800W
	Max AC input		1000W
Acquired certificates			UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS

AC300 Solar Power Station

Scalability | 3000W AC Output | Type-C PD3.0 | Wireless Charge | Car AC Output Port | Quick Solar Charge

Feature

- Expandable capacity reaching up to 12, 288Wh by connecting module battery.
- 3000W Pure Sine Wave Inverter, Surge 6000W.
- 1.5hrs charge full by solar ,Acheive 2400W Solar Input.
- Convert single phase to split phase by adding a bluetti split phase box.
- With BLUETTI's UPS Panel, connect AC300 with the grid, you can get rid of power outages.

Model		AC300
Built-in Battery		Need to work with B300
Charging Power	Solar	MPPT 2400W (12V~150V)
	AC Charge	1500W/100Vac, 1800W/120Vac Max ,3000W @ 220~240V
	Car charging	10.5V-14.4V/21V-28.8V 8.2A
	Solar +D050S Module connect with AC charging port	Solar + AC 5400W max
Output	AC	3000W, 6000W(max)
	DC	USB-A*2: 18W USB-A*2: 5VDC, 3A 1xTypeC (PD 100W) 1x12V Car Cigarette Lighter+2x12V DC (10A max) 1X12V30A for RV
Other functions		2XWireless charging 15W
Material for casing		ABS + PC
N.W.		21.6kg
Dimension LxWxH(mm)		519.9×325.0×358.0
APP		Through bluetooth
Scalability	Cacity of packed system	Fully packed system Expandable up to 4XB300, or 8XB300 through fusion box pro Up to 6KW,24.56KWH
Acquired certificates		UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS

B300 Solar Power Station

3072Wh Battery | Scalability | APP Remote Monitoring | Quick Solar Charge | Car AC Output Port | Type-C PD3.0

Feature

- 3072WH LFP versatile power source.
- Albe to work as a portable power station , With 100W USB-C,12V/10A car lighter, USBA, and a USB-A ports.
- Flexible charging ways, adaptor,solar, battery, car,reach up to 700W max charging power.
- Suppor Hot swapping.

Model		B300
Built-in Battery		3072Wh
Charging Power	Solar	500W through AC adaptor or connect with AC200max
	AC Charge	500W max
	Car charging	500W max
Output	AC	/
	DC	1*12V10A Car lighter 1X18W QC3.0 1X Type 100W
Material for casing		ABS + PC
N.W.		36.1KG
Dimension LxWxH(mm)		420X280x227.5
Acquired certificates		UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS

AC300+N*B300 Solar Power Station

Scalability | 3000W AC Output | Type-C PD3.0 | Wireless Charge | APP Remote Monitoring | Quick Solar Charge

Feature

- Expandable capacity reaching up to 12288Wh by connecting module battery
- 3000W Pure Sine Wave Inverter， Surge 6000W
- 1.5hrs charge full by solar ,Acheive 2400W Solar Input.
- Convert single phase to split phase by adding a bluetti split phase box.
- With BLUETTI's UPS Panel, connect AC300 with the grid, you can get rid of power outages.

Model		AC300+N*B300	
Built-in Battery		12288Wh	
Charging Power	Solar	MPPT 2400W （12V~150V)	
	AC Charge	1500W/100Vac, 1800W/120Vac Max ,3000W @ 220~240V	
	Car charging	10.5V-14.4V/21V-28.8V 8.2A	
	Solar +D050S Module connect with AC charging port		Solar + AC 5400W max
Output	AC	3000W, 6000W(max)	
	DC	USB-A*6：18W USB-A*2：5VDC，3A 5xTypeC (PD 100W) 5x12V Car Cigarette Lighter+2x12V DC (10A max) 1X12V30A for RV	
Other functions		2XWireless charging 15W	
Material for casing		ABS + PC	
APP		Through bluetooth	
Scalability	Cacity of packed system	Fully packed system Expandable up to 4XB300, or 8XB300 through fusion box pro Up to 6KW,24.56KWH	
Acquired certificates		UL,PSE, FCC, CE, UN38.3,MSDS ,ROHS	

EP500 Home Energy System

5.1Kwh Battery | 2000W AC Output | UPS | Wifi | APP Remote Monitoring | Quick Solar Charge

Feature

- Interactive touch screen to show the working status and faulty diagnosis of the machine clearly
- With built in wifi router and APP to monitor and control your home energy system in real time using your
- Flexible Charging Mode
- Capable of charging most inductive load which below 2KW
- Convert single phase to split phase by adding a bluetti split phase box
- A wide range of PV input voltage by adding a PV step-down module

Model		EP500
Built-in Battery		51.2V 5.1KWH Lifepo4
Charging Power	Solar	MPPT 55-145VDC 1200W
	AC Charge	600Wmax
Output	AC	2000W,4800W max
	DC	2xUSB 5V 3.0A 2XUSB18wQC3.0 1xTypeC (PD3.0 100W) 1x12V10A Cigarette Lighter 2X12V3A 1x12V30A Aviation Socket Wireless Charging 2X15W
1/3-Phase		Split phase(For 100~120V mains voltage) Two units can be connected in parallel, revert single phase to double phase
WORKING MODE		off-Grid
LCD Screen		4.3 inch touch Screen
UPS Function		YES ≤20ms Mains supply priority mode / PV priority mode
WiFI Function		Yes
Remote Monitoring		Yes, through web or APP
Communication		RS485
Material for casing		ABS+PC 94V0
N.W.		75KG
Dimension LxWxH(mm)		580x300x760mm

EP500Pro Home Energy System

5.1Kwh Battery | 3000W AC Output | UPS | Wifi | APP Remote Monitoring | Quick Solar Charge

Feature

- Interactive touch screen to show the working status and faulty diagnosis of the machine clearly
- With built in wifi router and APP to monitor and control your home energy system in real time using your
- Flexible Charging Mode
- Capable of charging most inductive load which below 3KW
- Convert single phase to split phase by adding a bluetti split phase box
- A wide range of PV input voltage by adding a PV step-down module

Model		EP500Pro
Built-in Battery		51.2V 5.1KWH Lifepo4
Charging Power	Solar	MPPT 12 V-150V 2*1200W
	AC Charge	120V/15A (1800W max) 120V/25A (3000W max)220V~240V (3000W max)
Output	AC	3000W, 6000W max
	DC	2xUSB 5V 3.0A 2XUSB18wQC3.0 1xTypeC (PD3.0 100W) 1x12V10A Cigarette Lighter 2X12V3A 1x12V30A Aviation Socket Wireless Charging 2X15W
1/3-Phase		Split phase(For 100~120V mains voltage) Two units can be connected in parallel, revert single phase to double phase
WORKING MODE		off-Grid
LCD Screen		4.3 inch touch Screen
UPS Function		YES ≤20ms Mains supply priority mode / PV priority mode
WiFI Function		Yes
Remote Monitoring		Yes, through web or APP
Communication		RS485
Material for casing		ABS+PC 94V0
N.W.		83kg
Dimension LxWxH(mm)		580x300x760mm

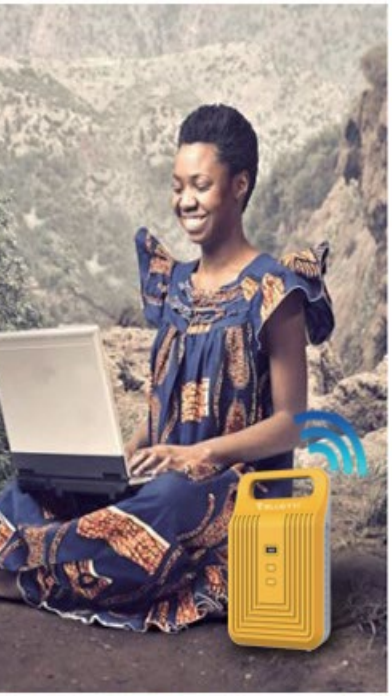
AP500 Home Energy System

5.1Kwh Battery | 2000W AC Output | UPS | Wifi | APP Remote Monitoring | Quick Solar Charge

Feature

- Interactive touch screen to show the working status and faulty diagnosis of the machine clearly
- With built in wifi router and APP to monitor and control your home energy system in real time using your
- Flexible Charging Mode
- Capable of charging most inductive load which below 2KW
- Convert single phase to split phase by adding a bluetti split phase box
- A wide range of PV input voltage by adding a PV step-down module

Model		AP500
Built-in Battery		51.2V 5.1KWH Lifepo4
Charging Power	Solar	MPPT 2 way 70 V-145V 1200W(max)
	Grid	90V~130V 15A /176V~250V 12.5A 600W
	AC Charge	600Wmax
Output	AC	2000W Peak 4800W
1/3-Phase		Split phase(For 100~120V mains voltage) Two units can be connected in parallel, revert single phase to double phase
WORKING MODE		off-Grid
LCD Screen		4.3 inch touch Screen
UPS Function		YES ≤20ms
WiFI Function		Yes
Remote Monitoring		Yes, through web or APP
Communication		RS485
Material for casing		Metal
N.W.		80kg
Dimension LxWxH(mm)		637×290×689mm



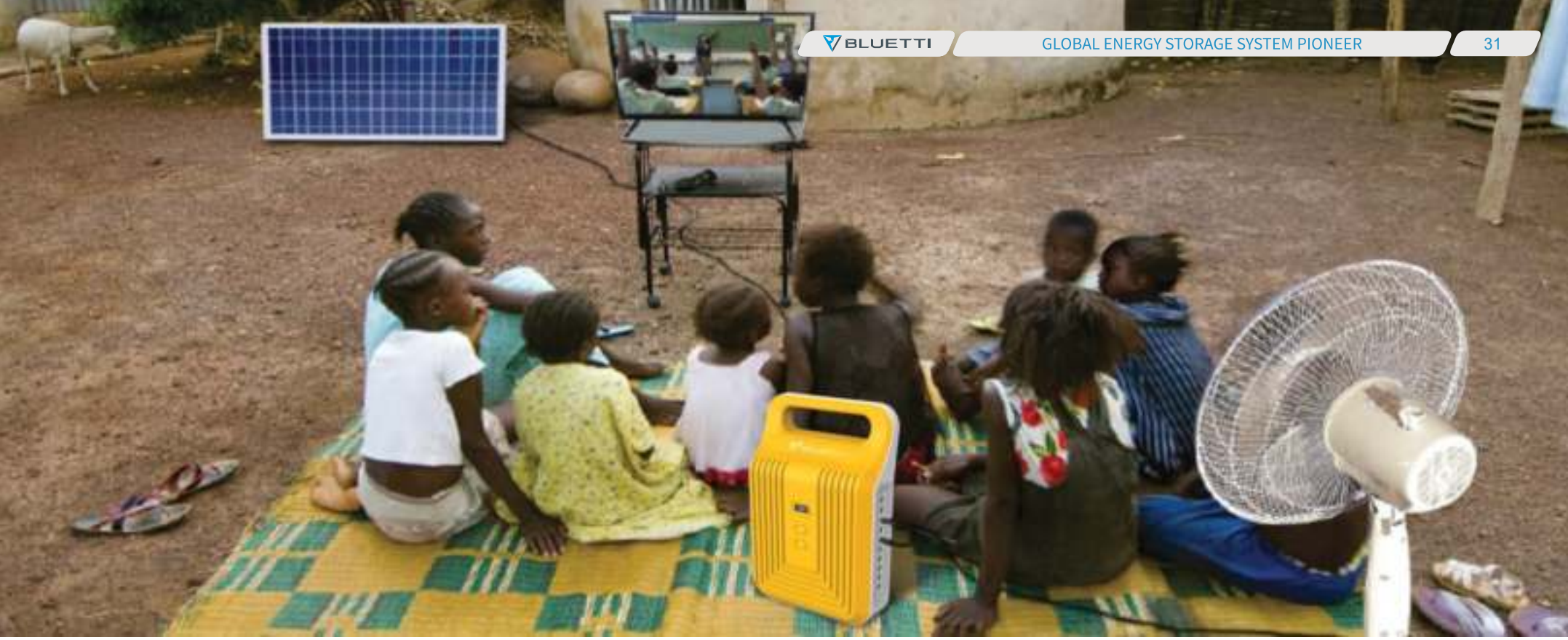
Solar Home Lighting System

Plug&Play | Compact | Intelligent | Lighting Global Verified | Robust

Feature

- Intelligent IOT and Pay as you go enabled
- Open to any third party PAYG service providers
- High-integration, Plug & Play
- High Efficiency & More Economic
- LED screen displays : Produt status &defaulty infomatino

Model	E20/E40/60/P100/P150/P200/P250/P300/P350
Battery Capacity	20wh/40wh/60wh/102wh/103wh/152wh/205wh/256wh/307wh/309wh
Battery Type	Lithium Iron Phosphate
Output Ports	4*USB Ports(5V@1.2A) 10*55/25 DC output ports(12V@1A)
Casing	ABS + PC
Solar Panel	6W/18W/55W/75w/110W/160W
Lamp	1W lamp 130LM / 91LM / 40LM ; 2W lamp 260LM / 182LM / 91LM ; 4W lamp 520LM / 364LM / 182Lm
Lamp Remote Switch	1PC
Token input keypad	1PC
Radio	Rechargeable
DC sound system	Optional
TV	24 inch TV with integrated decoder
Accessories	1m+2m+3m Cables for Lamps , 3m Extension Cable
Charging Cable	4 in 1 Muliti Cellphone Charging Cable
Function	Home Lighting, Mobile Charging, Outdoor Lighting, Enjoy FM&AM Radio, Power TV & Fan, sound system/amplifier,refrigerators, sewing machine, satellite decoder, wireless router
Warranty	2 years



Solar Home System

The definition of Solar Home System:

Solar home systems (SHS) are stand-alone photovoltaic systems that offer a cost-effective mode of supplying amenity power for lighting and appliances to remote off-grid households. In rural areas, that are not connected to the grid, SHS can be used to meet a household's energy demand fulfilling basic electric needs. Globally SHS provide power to hundreds of thousands of households in remote locations where electrification by the grid is not feasible. SHS usually operate at a rated voltage of 12 V direct current (DC) and provide power for low power DC appliances such as lights, radios and small TVs for about three to five hours a day. Furthermore they use appliances such as cables, switches, mounts, and structural parts and power conditioners / inverters, which change 12/ 24 V power to 240VAC power for larger appliances. SHS are best used with efficient appliances so as to limit the size of the array.
A SHS typically includes one or more PV modules consisting of solar cells, a charge controller which distributes power and protects the batteries and appliances from damage and at least one battery to store energy for use when the sun is not shining.

LIGHTING GLOBAL | IFC International Finance Corporation WORLD BANK GROUP

GOGLA MEMBER MAP

ENDORSED BY LIGHTING GLOBAL , WORLD BANK GRUOP, IFC AND GOGLA

SP120 Foldable Solar Panel

Folded | Efficient | Waterproof | Portable | MC4 Ports | Recyclable

Feature

- With ETFE film, durable and waterproof
- Sungold Mono solar Cells,23.5% high conversion efficiency
- Portable and foldable,weighting 4.3kg, easy to carry with
- Adjustalbe kickstand case

Model	SP120
Peak Power(Pm)	120W
Solar Cell Lamination	Monocrystalline Silicon
Cell efficiency	Up to 23%
Voltage at max power (Vmp)	19.8V
Current at max power (Imp)	6.06A
Open circuit voltage(Voc)	23.7V
Short circuit current(Isc)	6.66A
Operating Temperature	-10℃～+65℃
Best working temperature	+25℃
Folding number	4
Dimension(unfolded)	411*1708mm/16*67inch
Dimension(folded)	411*427mm/16*16.8inch
Weight	4.3kg/9.48lb

SP200 Foldable Solar Panel

Folded | Efficient | Waterproof | Portable | MC4 Ports | Recyclable

Feature

- With ETFE film, durable and waterproof
- Sungold Mono solar Cells,23.5% high conversion efficiency
- Portable and foldable,weighting 4.3kg, easy to carry with
- Adjustalbe kickstand case

Model	SP200
Peak Power(Pm)	200W
Solar Cell Lamination	Monocrystalline Silicon
Cell efficiency	≥23.5%
Voltage at max power (Vmp)	20V
Current at max power (Imp)	10A
Open circuit voltage(Voc)	24V
Short circuit current(Isc)	11A
Operating Temperature	-10℃～+65℃
Best working temperature	+25℃
Folding number	4
Dimension(unfolded)	520*2200mm/20.5*86.6 inch
Dimension(folded)	525*520mm/20.7*20.5 inch
Weight	6.5kg/14.3lb

Where there is BLUETTI,there is power

Database

Recharge your EV

RV companion

Picnic

Farm

Home

Outdoor concert

Home party

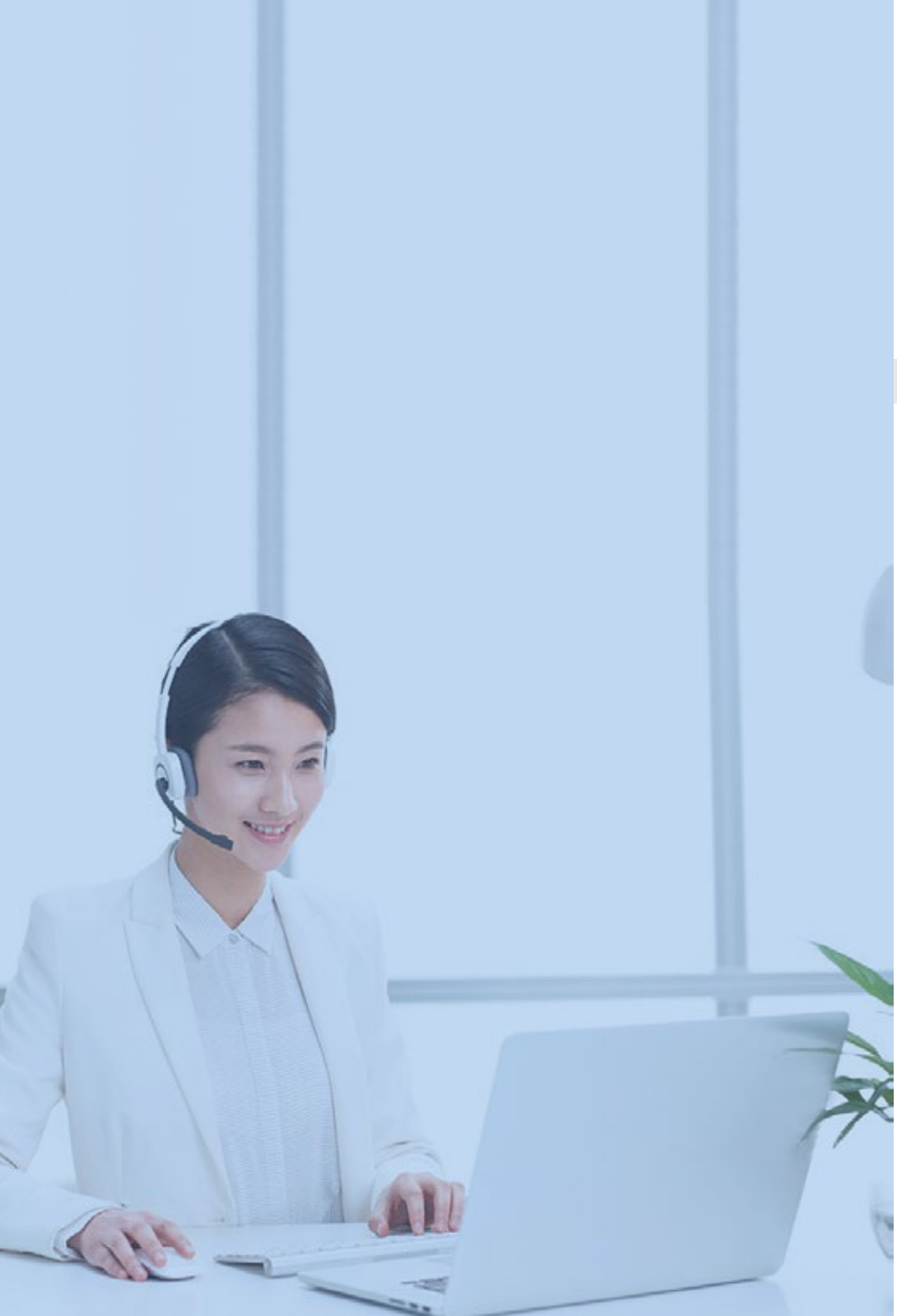
Camping

POWER ANYTHING IMAGINABLE

Marketing Network

Market & Service

※ Our Market Network Covers Over 50 Countries All Over the World



Contact information

Shenzhen Poweroak Newener Co.,Ltd

+86 752-5192092 feedback@poweroak net

www.poweroak.com / www.bluettipower.com

Head Quarter

Rm. 701-703, Block B,
KaiDaEr Bldg., No.168 Tong Sha Road,
Xi Li Town, Nan Shan District,
Shenzhen, China

Factory

PowerOak Industrial Park, 1st Longsheng 5th Rd, West Zone, Dayawan
Dist.,Huizhou 516083, China